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To: Commissioner of Patents
OIPE

From: Joy Day for Bruce Grant

Fax: (571) 273-8300

Date: May 8, 2006

Phone: (571) 272-4000

Pages: 8 (including cover page)

Re: SEQ-4067-UT

CC:

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Comments:

Attn: OIPE
Commissioner for Patents

Application No.: 10/723,670

Attorney Docket No. SEQ-4067-UT

Filed: November 25, 2003

Title: METHODS FOR IDENTIFYING RISK OF BREAST CANCER AND TREATMENTS THEREOF

Following for filing are:

Please enter the Power of Attorney and Statement Under 37 CFR 3.73(b).

This facsimile includes the following:

Power of Attorney to Prosecute Applications Before the USPTO (1 pg.)

Statement Under 37 CFR 3.73(b) (1 pg.)

Copy of Executed Assignment (5 pgs.)

Total number of pgs., incl. this cover: 8

Best Regards

Bruce Grant, Registration No. 47,608

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PTO/SB/80 (11-04)

Approved for use through 11/30/2005. OMB 0661-0056

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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

47328

OR

☐ Practitioner(s) named below (If more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒

The address associated with Customer Number:

47328

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Fax		

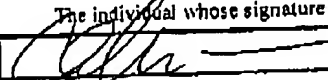
Assignee Name and Address:

SEQUENOM, INC.
3595 John Hopkins Court
San Diego, CA 92121-1121

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	11/22/04
Name	Clarke Neumann	Telephone (B5B)	202-9208
Title	Vice President and General Counsel, SEQUENOM, INC.		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 39 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual's ability. ANY comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing the form, call 1-800-PTO-5199 and select option 2.

PTO/SB/98 (09-04)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Roth, Richard B, et al.Application No./Patent No.: 10/723,670 Filed/Issue Date: November 25, 2003Entitled: Methods for Identifying Risk of Breast Cancer and Treatments ThereofSequenom, Inc. _____, a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

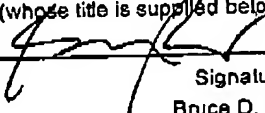
- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.


Signature
Bruce D. Grant
Printed or Typed Name
Registered Patent Attorney
Title

17 FEB 2005
Date
658 623-9470
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to the complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Attorney Docket No.: 524592006700

**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by Richard B. ROTH, residing at 9245 Regents Road, Apt. 409, La Jolla, California 92037; Caridad ROSETTE, residing at 4578 Robbins Street, San Diego, California 92122; Mikhail F. DENISENKO, residing at 13073 Oak Knoll Drive, Poway, California 92064; Matthew Roberts NELSON, residing at 1250 Calle Prospero, San Marcos, California 92069; Rikard RENELAND, residing at 7555 Charmant Drive, #1114, San Diego, California 92122; Andreas BRAUN, residing at 3935 Lago Di Grata Circle, San Diego, California 92130; and Stefan M. KAMMERER, residing at 3825 Elijah Court, Unit 334, San Diego, California 92130 (hereinafter referred to as the assignors), respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **METHODS FOR IDENTIFYING RISK OF BREAST CANCER AND TREATMENTS THEREOF**, set forth in an application for Letters Patent of the United States, bearing Serial No. 10/723,670 and filed on November 25, 2003; and

WHEREAS, SEQUENOM, INC., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 3595 John Hopkins Court, San Diego, California 92121 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:


NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

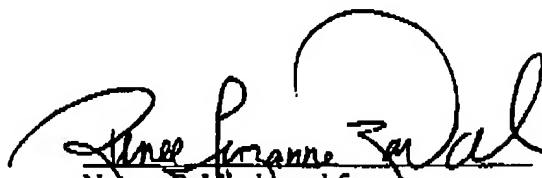
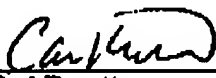
AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Attorney Docket No.: 524592006700

5/17/04
Date
Richard B. RothState of California }
County of San Diego } ss:

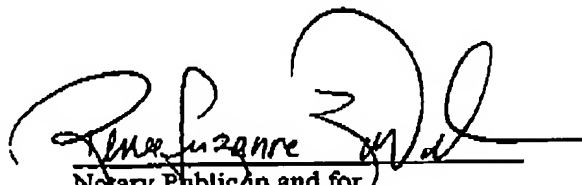
On 17 May 2004 before me, Rene Zavala, personally appeared Richard B. Roth, ☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


Notary Public in and for
said County and State5/12/04
Date
Caridad RosetteState of California }
County of San Diego } ss:

On May 12, 2004 before me, Renee Zavala, notary public, personally appeared Caridad Rosette, ☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


Notary Public in and for
said County and State

Attorney Docket No.: 524592006700

Date 05-12-04
Mikhail F. DenissenkoState of California }
County of San Diego } ss:

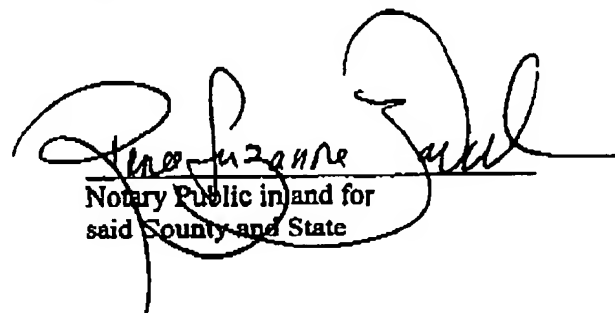
On May 12, 2004 before me, Renee Zavala, notary public, personally appeared Mikhail F. Denissenko, ☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


Notary Public in and for
said County and StateDate 5/12/04
Matthew Roberts NelsonState of California }
County of San Diego } ss:

On May 12, 2004 before me, Renee Zavala, notary public, personally appeared Matthew Roberts Nelson, ☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


Notary Public in and for
said County and State

Attorney Docket No.: 524592006700

Date 4/14/04Rikard Reneland
Rikard RenelandState of California
County of San Diego

} ss:

On 14 May 2004 before me, Renée Zavala, notary public, personally appeared Rikard Reneland, ☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

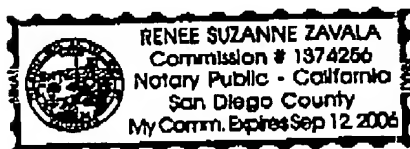
WITNESS my hand and official seal.

Renée Suzanne Zavala
Notary Public in and for
said County and StateDate 5-13-04Andreas Braun
Andreas BraunState of California
County of San Diego

} ss:

On 13 May 2004 before me, Renée Zavala, notary public, personally appeared Andreas Braun, ☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Renée Suzanne Zavala
Notary Public in and for
said County and State

sd-196344

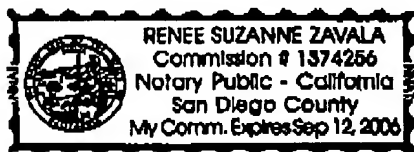
Attorney Docket No.: 524592006700

5-12-04
DateS. Kammerer
Stefan M. KammererState of CaliforniaCounty of San Diego

} ss:

On May 12, 2004 before me, Renee Zavala notary public, personally appeared Stefan M. Kammerer, ☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Renee Suzanne Zavala
Notary Public in and for
said County and State